

## Linear Potentiometer LP 25

The LP 25 is a linear potentiometer which is designed to measure the gear position, throttle position or suspension movement.

Its operating mode is based on the linear tape potentiometer principle where the distance travelled between the moving ends to the wiper is proportional to the resistance between them.

The advantage of this LP is its precise and compact design with an anodised aluminium cylindrical housing and low power consumption.



Application	
Application	0 ... 25 mm
Temperature range	-40 ... 85 °C

Electrical Data	
Power supply	5 V
Power supply max.	22 V
Nominal resistance	1 kΩ
Resistance tolerance	10 %
Non-linearity	0.25 %

Connectors and Cables	
Connector	ASL 6-06-05SA-HE
Connector loom	ASL 0-06-05PA-HE
Pin 1	Us
Pin 2	Gnd
Pin 3	Sig
Pin 4	-
Pin 5	-
Sleeve	DR-25
Cable size	AWG 24
Cable length L	15 ... 200 cm
Various motorsports and automotive connectors on request.	
Please specify the requested cable length with your order.	

Mechanical Data	
Weight w/o cable	68 g
Min. length	147 mm
Mounting	2 x M5
Tightening torque	10 Nm
Protection	IP65
Max. shaft velocity	1 m/sec

Application Hint	
The LP 25 can be connected directly to most electronic control units and data logging systems.	
Optional mounting modifications are available.	
Each mounting orientation is possible.	
Comes with a spring return shaft.	
Please find further application hints in the offer drawing ( <a href="http://www.bosch-motorsport.com">http://www.bosch-motorsport.com</a> ).	

Part Number	
LP 25	<b>B 261 209 547</b>

